

ABSTRACT OF THE DISCLOSURE

A Tri-color ZnSe white light emitting diode includes at least a ZnSe LED chip, a blue emission layer, and a green fluorescent powder. Each of ZnSe LED chip is a white light source. The blue emission layer is formed on the ZnSe LED chip to emit blue wavelength light, which shines the ZnSe LED chip to produce yellow light. The green fluorescent powder is covered onto ZnSe LED chip capable of absorbing blue light emitted from the blue emission layer to emit green wavelength light, so that mixing the blue light, yellow light, and green light to produce the white light emitting diode.